

WHAT IS CLAIMED IS:

1. A multiple-contact micron connector comprising:

(a) a base seat main body, a longitudinal insertion channel being formed on upper end face of the base seat main body, a central partitioning board being disposed at a center of the insertion channel, two sides of the partitioning board being respectively parallelly formed with multiple terminal receptacles;

(b) a socket main body, two sides of the socket main body being parallelly formed with multiple terminal receptacles, whereby the socket main body can be correspondingly inserted in the insertion channel of the base seat main body;

(c) multiple first type terminals respectively inserted in the terminal receptacles of the base seat main body, each first type terminal having a U-shaped section bridged over a support board on outer side of the terminal receptacle, a rear end of a first leg of the U-shaped section being radially bent to form a connecting pin for connecting with a circuit board, a resilient arm extending from a rear end of a second leg of the U-shaped section, a contact pin upward extending from a rear end of the resilient arm; and

(d) multiple second type terminals each having a U-shaped section inserted in and bridged over the terminal receptacle of the socket main body, a top end of a first leg of the U-shaped section being bent to form a horizontal connecting section for connecting with another circuit board, a resilient section being integrally connected with a second leg of the U-shaped section, a contact section upright integrally extending from a rear end of the resilient section, whereby when the socket main

body is correspondingly inserted into the insertion channel of the base seat main body, the second leg of the U-shaped section of the first type terminal resiliently abuts against the first leg of the U-shaped section of the second type terminal to form a first electric contact and the contact pin of the rear end of the first type terminal resiliently contacts with the contact section of the rear end of the second type terminal to form a second electric contact.

2. The multiple-contact micron connector as claimed in claim 1, wherein a support board is disposed on outer side of each terminal receptacle of the base seat main body, the U-shaped section of the first type terminal being correspondingly bridged over the support board.

3. The multiple-contact micron connector as claimed in claim 1, wherein at least one reverse thorn projects from the first leg of the U-shaped section of the first type terminal for correspondingly latching the first type terminal in the terminal receptacle of the base seat main body.

4. The multiple-contact micron connector as claimed in claim 1, wherein a support block is disposed on outer side of each terminal receptacle of the socket main body, the U-shaped section of the second type terminal being correspondingly bridged over the support block.

5. The multiple-contact micron connector as claimed in claim 1, wherein at least one reverse thorn projects from the first leg of the U-shaped section of the second type terminal for correspondingly latching the second type terminal in the terminal receptacle of the socket main body.

6. The multiple-contact micron connector as claimed in claim 1, wherein the resilient section of the second type terminal is U-shaped.

7. The multiple-contact micron connector as claimed in claim 1, wherein the resilient section of the second type terminal is S-shaped.

8. The multiple-contact micron connector as claimed in claim 1, wherein at least one latch projection is formed on a wall face of the insertion channel of the base seat main body and at least one locating projection is formed on outer edge of the socket main body, whereby the latch projection can be correspondingly latched with the locating projection to firmly engage the socket main body in the base seat main body.